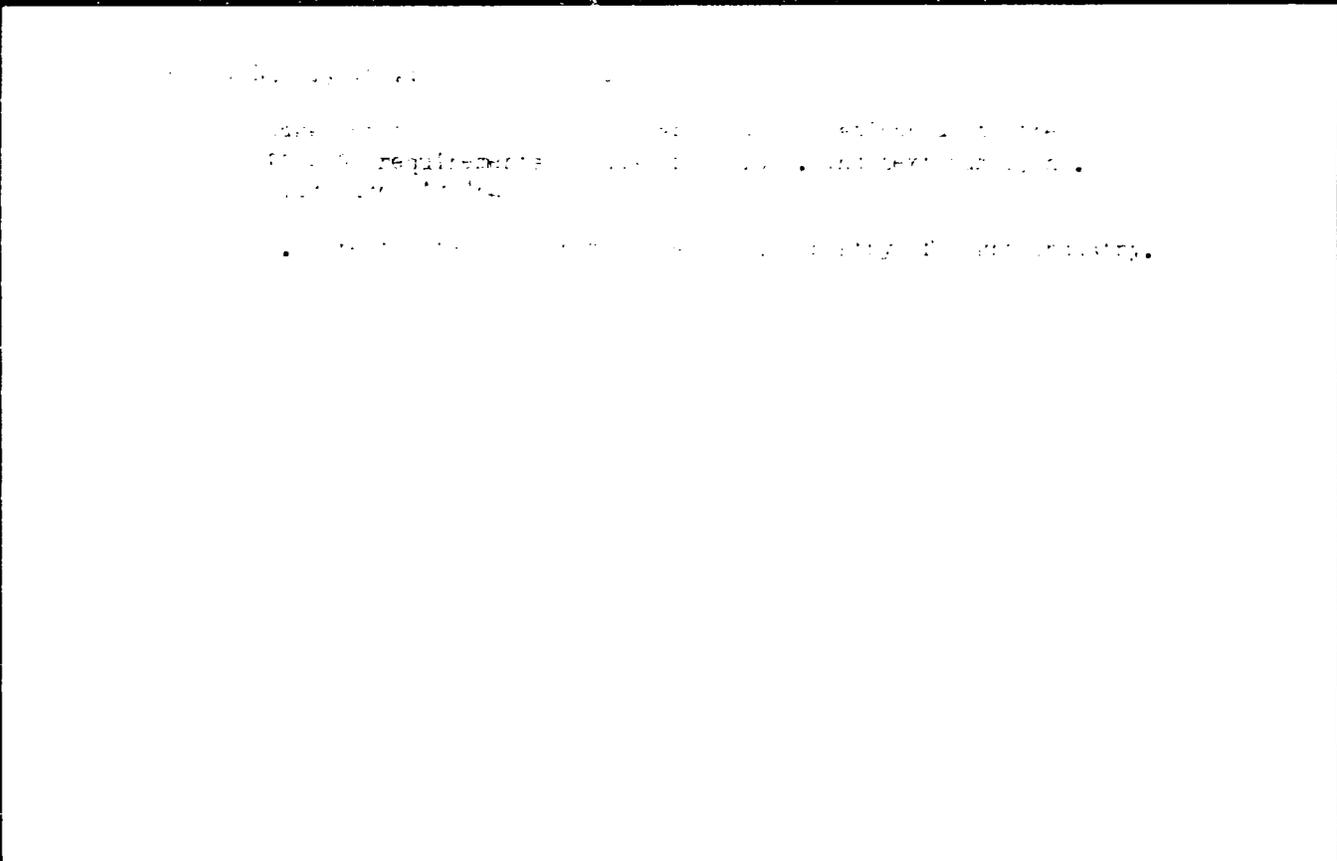
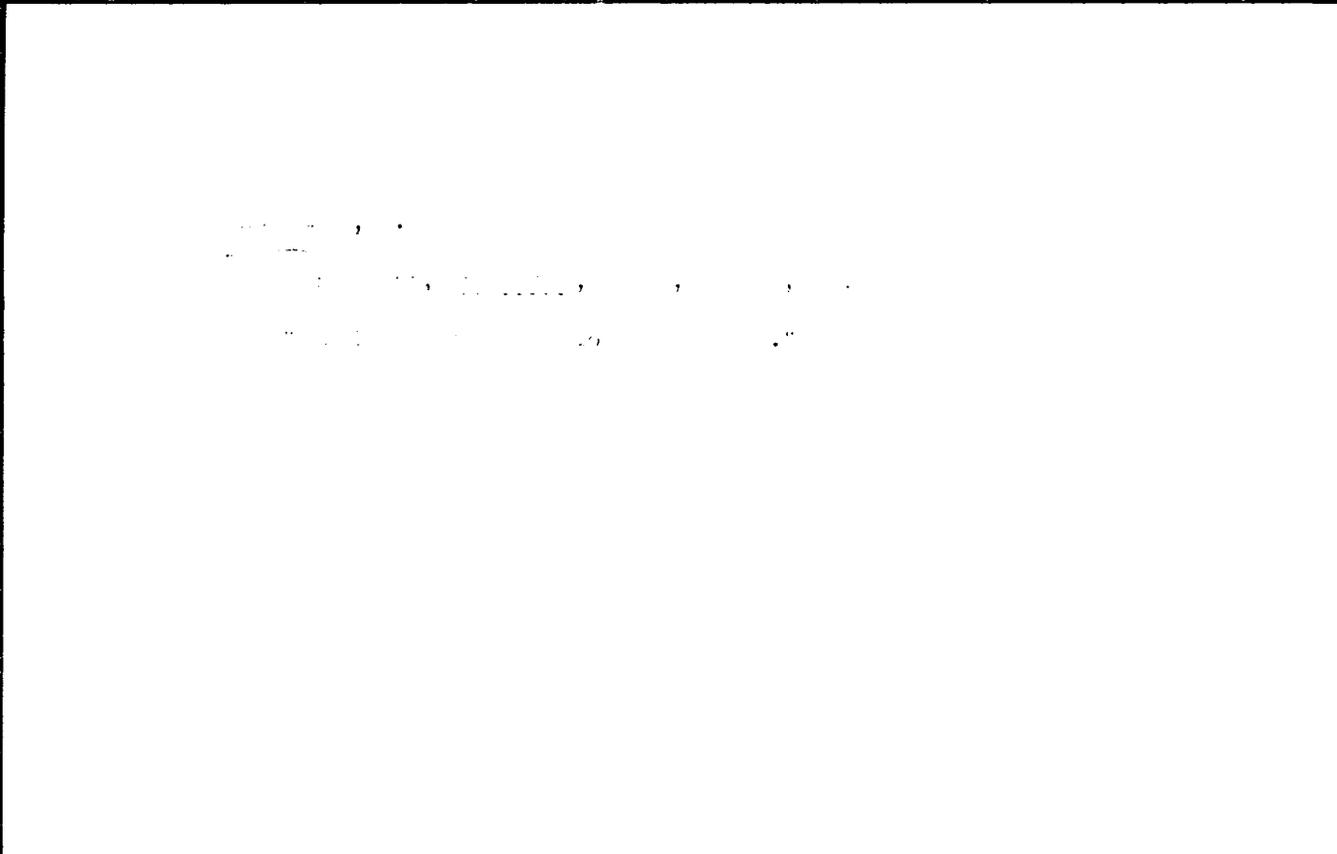


MAGUREANU, G.

Technical propaganda, at the level of the demand of production. Munca
sindic 7 no.3:49-51 Mr '63.





MAGURIL, R. Z.

2

1955. CORRELATION BETWEEN CRITICAL PRESSURE AND TEMPERATURE FOR
HYDROCARBONS. (Maguril, R. Z. (U.S.S.R. Technol. Japirev. Russ. (Chem. Technol.
Fuel & Gas, Moscow), Feb. 1957, 1, 21. A formula is derived and is shown
to agree well with experimental data except for methane, ethane,
isobutylene and naphthalene. (L).

RM 0/0

L 3890-06 ENT(1) ENT(2) ENT(3) ENT(4) ENT(5) ENT(6) ENT(7) ENT(8) ENT(9) ENT(10) ENT(11) ENT(12) ENT(13) ENT(14) ENT(15) ENT(16) ENT(17) ENT(18) ENT(19) ENT(20) ENT(21) ENT(22) ENT(23) ENT(24) ENT(25) ENT(26) ENT(27) ENT(28) ENT(29) ENT(30) ENT(31) ENT(32) ENT(33) ENT(34) ENT(35) ENT(36) ENT(37) ENT(38) ENT(39) ENT(40) ENT(41) ENT(42) ENT(43) ENT(44) ENT(45) ENT(46) ENT(47) ENT(48) ENT(49) ENT(50) ENT(51) ENT(52) ENT(53) ENT(54) ENT(55) ENT(56) ENT(57) ENT(58) ENT(59) ENT(60) ENT(61) ENT(62) ENT(63) ENT(64) ENT(65) ENT(66) ENT(67) ENT(68) ENT(69) ENT(70) ENT(71) ENT(72) ENT(73) ENT(74) ENT(75) ENT(76) ENT(77) ENT(78) ENT(79) ENT(80) ENT(81) ENT(82) ENT(83) ENT(84) ENT(85) ENT(86) ENT(87) ENT(88) ENT(89) ENT(90) ENT(91) ENT(92) ENT(93) ENT(94) ENT(95) ENT(96) ENT(97) ENT(98) ENT(99) ENT(100)

ACC NR: AP6029725

JUL/HM/HA

SOURCE CODE: UR/0130/66/000/005/0035/0037

AUTHOR: Popovskiy, Ye. I.; Magurin, A. S.

ORG: Azerbaydzhan Pipe Rolling Mill (Azerbaydzhanskiy truboprotatnyy zavod)

TITLE: Restoring and strengthening parts of metallurgical equipment by automatic surfacing

SOURCE: Metallurg, no. 5, 1966, 35-37

TOPIC TAGS: metal surfacing, metallurgic machinery, wire, metal rolling

ABSTRACT: At the Azerbaydzhan Pipe Rolling Mill imeni V. I. Lenin over 30,000 tons of equipment operating under severe conditions (heavy loads, high temperature, dust, etc.) have been installed and put into operation. The assembly sector of the mill, in its development, lags behind the increase in productive capacities which affects the provision of replaceable equipment and spare parts to the main mill shops. Under these conditions the restoration and strengthening of parts of equipment by surfacing with welding wire acquires special significance. On the type B installation for automatic submerged-arc surfacing, parts up to 4 meters long, from 200 to 2,000 mm in diameter and weighing up to 12 tons are restored and strengthened. Of much interest is the surfacing of the wornout part of straightening machine screws. During their operation a section 300 mm long, from a screw column 1000 mm long, is finished. It is turned on a lathe for half the length of the column, built up with

Card 1/3

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ACC NR: AP6029725

SV-12KhGSA wire and then worked on a treader lathe for threading of the trapezoidal screw. Service life of the restored columns is not less than that of new ones. However, only parts whose smallest diameter is 20 mm can be built up qualitatively on this machine. The use of larger diameter welding wire (3-6 mm) and larger welding current (up to 1000 amp) resulted in metal runoff onto small-size parts due to the large curvature of the surface. In connection with the fact that special welding wires (1Kh13, 1Kh12N9T, 10G2S and others) are initially used for surfacing, the list of restored and strengthened items has grown. Thus, rods of hydraulic manipulators and tilters which work in corrosive media frequently break down in the rolling workshop. Now they are surfaced with noncorrosive wires SV-1Kh13 and SV-1Kh12N9T. The service life of these items was increased 1.5-2-fold after strengthening. The use of powder surfacing wire offers great possibilities. The material for making the filler is a strip made of soft steel and powder consisting of a mixture of ferroalloys. By using different powder wires one can introduce alloying elements (chromium, manganese, tungsten, vanadium, nickel) contained in the wire into the surfaced layer. Powder wire PP-3Kh2V8, 3.6 mm in diameter, is used for strengthening. It is used in surfacing units in combination with welding flux AN-20. After build-up and mechanical treatment the hardness of the working surface amounts to 450-500 Brinell units, which is slightly more than the hardness of the metal from which the articles were made. In plant workshops there are a large number of polished rollers in roller conveyers used to transport heated tube blanks and the tubes themselves. These rollers are restored and strengthened with the powder wire

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ACC NR: AP6029725

PP-3Kk2V8. The service life of these rollers is increased 2-3-fold. In 1963, the R-922 installation for surfacing internal cylindrical-conical surfaces in a carbon dioxide medium was put into operation. The sizes of the built-up articles: outside diameter -- 130-645 mm; internal diameter -- 70-420 mm; length -- up to 1100 mm. Restoration and strengthening of the articles on this unit are done with welding wires SV-08, SV-10G2, SV-1Kk13 and PP-3Kk2V8, 2-3 mm in diameter. Plant introduction of parts surfaced under a layer of flux and in a carbon dioxide medium permitted the saving of a large amount of wornout parts worth 400,000 rubles. At the present time efforts are continuing on expanding the base for the restoration and strengthening of parts of equipment by surfacing and introduction of new technology. In September, 1965, a type EVG-2 installation for the vibro-arc welding of parts 30-350 mm in diameter, which did not require machining after welding, was put into operation. Welding tool UMN-4, produced by the plant for submerged-arc welding permitted a sharp increase in the production of restored and strengthened parts measuring up to 1000 mm in diameter and up to 3000 mm in length, weighing up to 4 tons. In cooperation with the Azerbaydzhan Scientific Research Institute of Petroleum Machine Building, works are underway at the plant on the development of an installation for restoring wornout rollers of the 850 and 700 lathes weighing up to 16 tons. The installation will be built on the base of the roll lathe with the use of an A-334 weld head. The introduction of these measures will permit the restoration of parts amounting to 1,000-1,100 tons per year. Orig. art. has: 3 figures and 1 table. [JPRS: 36,728]

SUB CODE: 13 / SUBM DATE: none

Card 3/3

DrAC, P.; JAGER, J.; MAGURSKY, V.

Gestation changes of the pelvic ligaments and their relation to vaginal and uterine prolapse. Cesk. gyn. 26[40] no.6:418-21 JI '61.

1. I gyn. por. klin. UJEvP v Brne, prednosta prof. MUDr. L. Havelasek,
OUNZ Jesenik, OUNZ Martin.
(PREGNANCY physiol.) (PELVIS physiol.)
(UTERINE PROLAPSE etiol.)

RADESCU, I.; DINISCHICU, G. T., Conf.; MAGUREL, C., Pr.; ICHIM, C., Chim.
TEODORSCU-EXARCU, I., Dr.

Studies of renal function in industrial lead poisoning. Med. Int.,
Bucur., 9 no.5:724-727, May 67.

1. Incare efectuate in Institutul de igiena muncii si boli profesionale
R. P. R.

(LEAD POISONING, etiology
renal funct.)

(MINEING, toxicology, lead
lead poisoning, occupational)

MAGUS'KIN, B.F., aspirant; TISHCHENKO, A.P., aspirant

Solution of linear equation systems on electronic digital computers. Trudy MIIGAIK no.45:83-90 '61. (CIA L.:7)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii, kafedra vysshey geodezii.

(Linear equations)
(Electronic digital computers)

MAGUS'KIN, B.F., aspirant

Direct methods for solving systems of normal equations with
triangular factorization. Izv.vys.ucheb.zav.; geod.i aerof.
no.4347-64 '62. (MIRA 16:2)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki
i kartografii.

(Linear equations)

MAGUS'KIN, B.F., aspirant

Expansion of an inverse matrix into Taylor's series. Trudy
MIIGAIK no.50:47-51 '62. (MIRA 16:7)

1. Kafedra vysshey geodezii Moskovskogo instituta inzhenerov
geodezii, aerofotos"yemki i kartografii.
(Triangulation) (Series, Taylor's)

MAGUS'KIN, B.F.

Exactness of a reciprocal matrix evolved by Taylor expansion
Sbor.rab. po astron. no.1:64-69 '63.

Use of Taylor expansion in evolving reciprocal matrices and
solving systems of linear equations. Ibid.:70-72

(MIRA 18:1)

L 24146-65 ENT(d) Pg-4/Pt-4 IJP(c)
ACCESSION NR: AR5000980

S/0044/64/000/009/B108/B108

SOURCE: Ref. zh. Matematika. Abs. 9B501

16
8

AUTHOR: Magus'kin, B. F.

TITLE: The use of the Taylor series for obtaining inverse matrices and the solution of systems of linear equations

CITED SOURCE: Sb. rabot po astron. Ural'skiy un-t., vyp. 1, 1963, 70-72

TOPIC TAGS: linear equation, inverse matrix, Taylor series iterative solution, matrix expansion

TRANSLATION: The formula for expanding an inverse matrix into a Taylor series of the following form is presented

$$A^{-1} = Q^{-1} \{ (E + H) (E + H^2) (E + H^4) (E + H^8) \dots \}^{-1},$$

which presents an advantage of the known formula in respect to the number of ma-

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L 24146-65

ACCESSION NR: AR5000990

trix multiplications. It is shown that the solution of systems of linear equations by means of expansion of the inverse matrix into a Taylor series is the equivalent of a solution of a system of linear equations according to the following iterative process

$$\bar{x}_{n+1} = \bar{b}_n + A_n^{-1} \Delta A \bar{x}_n$$
$$\bar{x}_0 = A_0^{-1} \bar{b}_0$$

The author notes the simultaneous solution of a system of linear equations and of matrix inversion. I. Shelikhova

SUB CODE: MA

ENCL: 00

Card 2/2

25(0)

SOV/92-58-10-22/30

AUTHOR: Maguto, A.M., Inspector

TITLE: Trade Union Committee at an Enterprise is a Great Force
(Profsoyuznyy komitet --- bol'shaya sila na predpriyatii)

PERIODICAL: Neftaynik, 1958, Nr 10, pp 29-30 (USSR)

ABSTRACT: Inquiries made by the Central Committee of the Trade Union of the Petroleum and Chemical Industry Workers have proved that a trade union organization of an enterprise is a great force provided it is supported by the mass of workmen and employees. The trade union organization supported by the enterprise staff helps to implement resolutions of the government and the communist party. For example, due to the intervention of this organization the Ufa refinery managed to initiate the production of various washing reagents as well as silica gel of different types, and to supply with these products chemical plants. Efforts of refinery workers coordinated by their trade union always bring excellent results

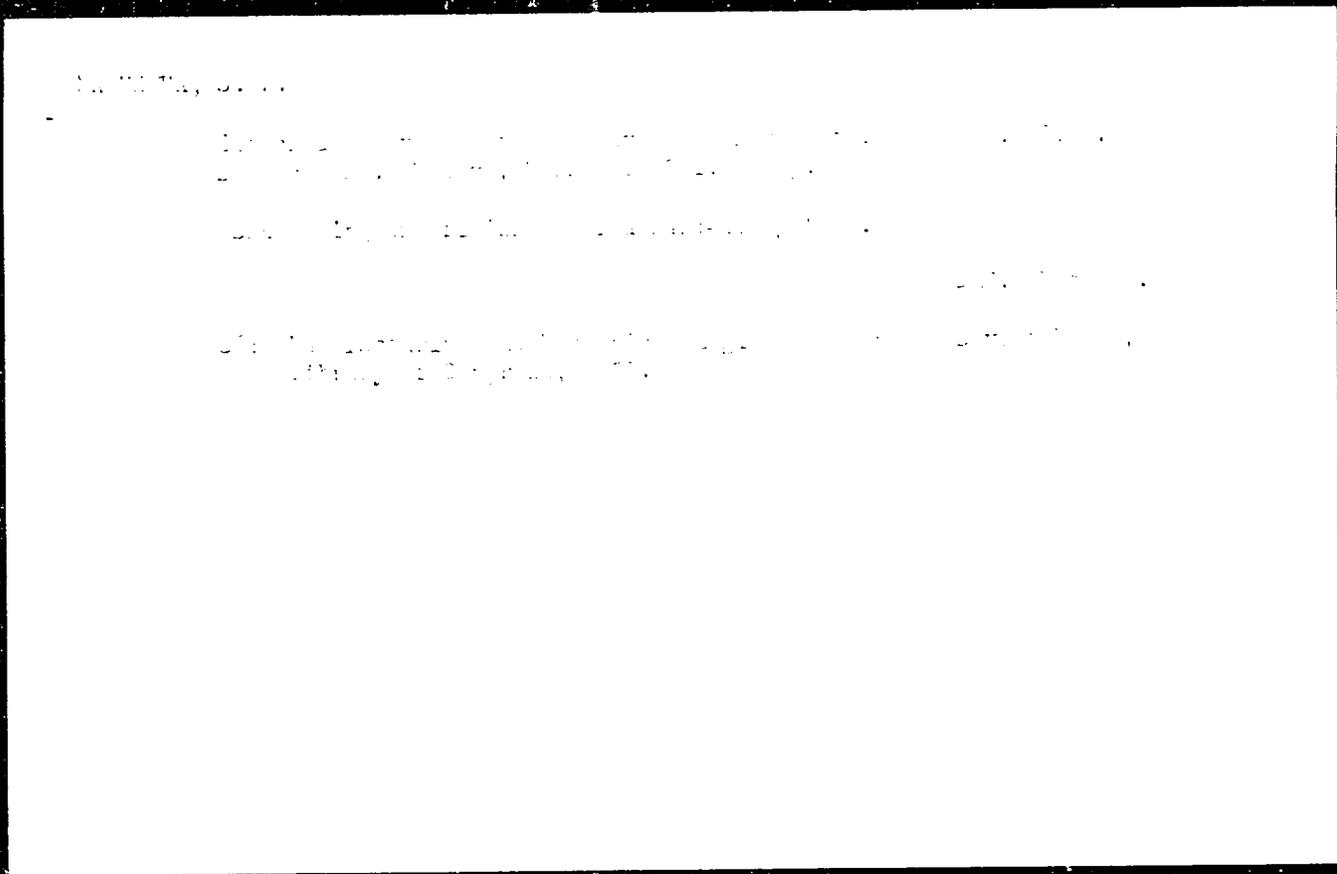
Card 1/2

Trade Union Committee at an Enterprise is a Great Force SOV/92-58-10-22 30

as can be evidenced by the introduction of a rigid control over petroleum product losses. The refinery workmen's committee makes efforts to improve the refinery organizational setup and its working conditions. Moreover, various recreational facilities existing at the refinery were substantially improved upon the recommendation of the refinery workmen's committee. Lectures and conferences were organized to promote the professional skill of the refinery staff. Following instructions issued by the Central Committee of the Communist Party of the USSR, the mass of workmen and employees is now invited to participate in directing the refinery production. However, there is still a number of shortcomings to be eliminated by the intervention of the above committee. Catalytic cracking is not yet properly performed, and the quality of gasoline produced at the refinery is rather poor. The committee should see to it that the produced gasoline has an octane number of at least 75.

ASSOCIATION: TsK profsoyuza rabochikh i khimicheskoy promyshlennosti
(The Central Committee of the Petroleum and Chemical Industry
Workers)

Card 2/2



JANOSSY, Tibor, dr. MAGY, Eva

Treatment of a case of ovarian tumor with a radioactive isotope Au-198.
Magy.radiol. 14 no.4:212-218 J1 '62.

1. A Budapesti Orvostudományi Egyetem II. sz. Női Klinikájának és az
I. sz. Sebészeti Klinika Orvosi-Radiológiai Kutató Csoportjának
közleménye.

(GOLD radioactive)

(OVARIES neopl)

MAGY, FERENC

KL

TENSILE TESTS ON ALUMINIUM JOINTS SOLDERED BY THE ULTRASONIC METHOD. Ferenc
Magy (Aluminium (Budapest), 1950, 2, (10), 238-242; (11), 268-275;
(12), 284-293). (In Hungarian). Ultrasonic generating and testing equipment
is described in general. Results of a large number of similar tests are tabulated.
I.S.M.

DOBIS, Otto; MAGY, Ferenc; TELCS, Ivan

Modified Wilmann device for the determination of the molecular
state of deluted solutions. Magyar kem folyoir 65 no. 1 [448-451]
N 159.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete,
Budapest.

MAROS, Tiberiu, Conf.; MAGY, Francisc, Asist.; KEREKES, Mudard, Asist.;
WAITSUK, Paul, dr.

Clinical and experimental studies of correlation of the neuro-
endocrine system with liver function. Med. int., Bucur. 7 no.
4:148-149 Oct-Dec 55.

1. Instit. medico-farmacaut. Tg. Mures.

(LIVER, physiol.

relation to hypothalamo-hypophysial funct.)

(HYPOTHALAMUS, physiol.

hypothalamo-hypophysial funct., relation to liver
funct.)

(PITUITARY GLAND, physiol.

(SAME)

DESI, Sandor; NAGY, Laszlo; MAGY, Tibor

Drift velocity of electrons in argon, nitrogen, and gas mixtures. Koz
fiz kozl MTA 8 no.1-11-22 '60. (EEIA 10:1)

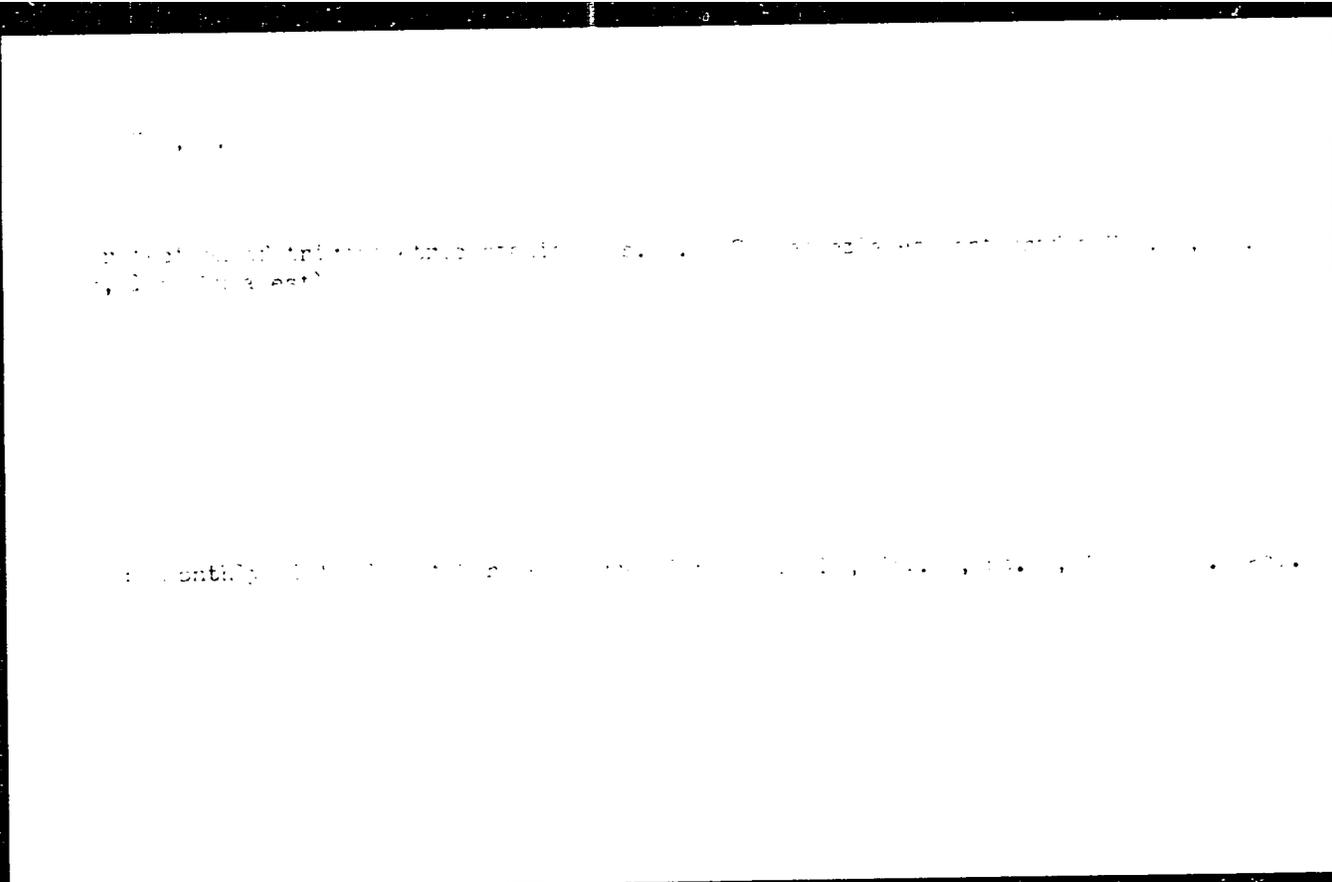
1. Magfizikai Laboratorium II. A magyar Tudományos Akademia Kozponti
Fizikai Kutato Intezete.

(Argon) (Electrons) (Nitrogen) (Gases)
(Mixtures) (Carbon dioxide) (Methane)
(Ionization chambers)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; MAGY, Z.;
WILTNER, W.

The control of renal circulation in hypoxia. Acta med.hung. 16
no.1:43-60 '60.

1. 3rd Department of Medicine (Director: P.Gomori), Institute of
Physiology (Director: P.Balint), and 1st Department of Medicine
(Director: I.Rusznayak), University Medical School, Budapest.
(ANOXIA exper)
(KIDNEYS blood supply)



MAGYAR, A

HUNG

Model tests on a reinforced concrete arch bridge. Gy. Gajda, I. Galik and A. Magyar. *Magyar Tudományi Akadémia Közleményei*, 1958, 12, figs.

The article deals in detail with the model of a recently built 178 m long monolithic bridge with a 100 m span. The construction of the model, method of loading and the extensometer equipment are described. The principal problem to be solved in designing the bridge was to determine the internal stresses due to wind forces. Stresses corresponding to the wind forces were transmitted to the steel model through horizontal wires hung on the arch structure. The wires were stressed by weights over rollers. The internal strains forming by the action of these loads were measured by gauges arranged at appropriate points of the model. The determination of moments and resultant forces by means of measurement and the evaluation of their results are described. It is shown that the usual methods of approximating calculation yield results which greatly differ from the real internal stresses. However, the data obtained in the course of model analysis can be verified with good approximation by a more precise method of calculation by iteration.

[Handwritten signature]

MAGYAR, Balint

I have seen capitalism! Repulse 16 no.4:14 Ap '63.

1. Vitorlazo valogatott keret tagja.

MAGYAR, Balint, repulo oktato

School for air pilots. Pt.3. Repules 17 no.3:7-9 Mr '64.

MAGYAR, Bela [deceased]

Method for preventing failures caused by overcurrent in transformers.
Elektrotechnika 54 no.6:264-266 Je '61.

VILIMSZKY, Zoltan,; MAGYAR, Eva, dr.

Endemic occurrence of strongyloidiasis in the Borsod county.
Orv.hetil. 101 no.28:990-992 10 JI '66.

1. Borsod-Abauj-Zemplen megyei Közegészségügyi Járványügyi
Allomás
(STRONGYLOIDIASIS epidemiol)

ASZODI, Imre, ir.; LOSONCZI, Istvan, ir.; MAGYAR, Eva, ir.

On the problem of the ... Magyar ...
S ...

... Magyar ...
Szakmunkatárs ...

✱

REJTO, Kalman, dr.; MAGYAR, Eva, dr.

Our cases of chronic urticaria related to Entamoeba histolytica.
Borgyogy. vener. szemle 39 no.1:35-38 F '63.

1. A Borsod-Abauj-Zemplen Megyei Korhaz, Miskolc, Szentpeteri kapu
(igazgato: Szabo Istvan dr.) borosztalyanak (foorvos: Rejto Kalman dr.)
es a Borsod-Abauj-Zemplen Megyei Kozegeszseguygi es Jarvanyugyi Allomas
(igazgato: Jurkcvits Janos dr.) laboratoriumanak (foorvos: Biro Zsigmond
dr.) kozlemenye.

(URTICARIA) (AMMONIUM CHLORIDE) (CHLOROQUINE)
(AMEBICIDS) (AMEBIASIS)

SELYEI, Mihaly; MAGYAR, Eva; GALLYAS, Ferenc.

Sex chromatin in rats. Acta univ. acad. sci. Hung. 12 no.4:
288-292 '64

1. Budapesti Orvostudományi Egyetem I. Kóronctani és Kísérleti
Rakutató Intézet.

MAGYAR, Eva, dr.; BOSZORMEYI, Erno, dr.; MESZAROS, Antal, dr.

Focal myocytolysis causing fatal cardiac insufficiency. Crv.
hetil. 105 no.25:1180-1183 21 Je'64

1. Budapesti Orvostudományi Egyetem, I.Korlátozott és Kísérleti
Rakkutató Intézet és II. Belklinika.

HUNGARY

MAGYAR, Eva, Dr., First Institute for Pathological Autopsy and Experimental Cancer Research at the Medical University (Orvostudományi Egyetem, I. Korbonctani és Kísérleti Rakkutató Intézet) in Budapest (Director: BALÓ, József, Dr.).

"Congenital Agammaglobulinemia"

Budapest, Orvosi Hetilap, Vol 107, No 26, 26 Jun 1966, pp 1226-1228.

Abstract: The author described the case of a 10-month old boy who succumbed to congenital agammaglobulinemia. The pathological findings included repeated inflammatory processes. No gamma globulin could be found in the plasma protein by electrophoretic techniques. The lymph nodes were found at autopsy to be atrophied; the plasma cells were missing, and the number of lymphocytes was greatly reduced. Large PAS-positive lymphoid cells were evident. There was evidence of inflammation and of necrotic processes in various organs. 31 references, including 6 Hungarian, 1 German, and 24 Western.

1/1

HUNGARY

MAGYAR, Eva, et al. *University of Budapest, 113, 1967. Pathological Anatomy and Experimental Pathology (Director: Balazs, János) (Buda-pesti Orvostudományi Egyetem, 1. Yerszékony, az Elméleti Orvostudományi Intézet).*

"Data on the Pathogenesis of Focal Myocardial Hypertrophy..."

Budapest, Orvosi Hetilap, 7:1-10, No. 12, 1967, pp. 101-102, 11 pages.

Abstract: "Author's Hungarian primary focal hypertrophy of the heart was observed in 8 instances, in the course of hypertensive arteriosclerosis. In five of these cases, the hypertrophy of the wall of the left main coronary artery was accompanied by the changes in the heart wall in the form of focal hypertrophy of the musculature of the left and right ventricle, respectively, which was considerably hyperplastic in 4 of these and, in 1 of the cases, the cardiomyocytolysis developed in the musculature of the hypertrophied heart section. Characteristic, from the histological aspect, was the "dissolution" of the myofibrils from the intact sarcolem and the complete absence of inflammatory cell reactions. F.M. is a change with a multiple etiology. In these cases, the cause of the change is a relative coronary insufficiency (hypoxilosis) which develops as a result of hypertrophy of the myocardium. Although f.m. - representing a transition between regeneration and necrosis - is a less severe change than myocardial infarct, it may still lead to cardiac insufficiency and to a complete circulatory collapse. 5 Eastern European, 20 1/1 Western references.

MAJAL, Perona

Some current...
10115. Feb. 14p 30 n. 5. 10. 1. My 10.

1. Iron industry...
10115. Feb. 14p 30 n. 5. 10. 1. My 10.

Country : RUMANIA
Category: Organic Compounds, Natural Compounds and Their
Synthetic Derivatives

Ass Jour: RZMK... ..

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III) in ...
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Card : 2/5

Country : RUMANIA
Category: Organic Chemistry: Natural Compounds and Their
Synthetic Analogues

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Abs Jour: RZhKhim., No 17, 1959, No. 61022

quer, add of 1-2% of I was recovered. The
solution of 100 ml mixture with 70 ml
 C_6H_6N and 20 ml $(CH_3COO)_2O$ was boiled for 3 hours
evaporated in vacuum (temperature $< 100^\circ$), the
residue (5.5 gr) was then boiled for 2.2 hours
with 50 ml CH_3COOH . To a cooled solution were
added while stirring 2 gr CrO_3 (15 minutes at
 20°), the solution was then allowed to stand 1
hour at 20° . An excess of CrO_3 was destroyed with
 $NaHSO_3$, the solution was then diluted with water
followed by the separation with benzene of 5 gr II,
which was then heated for 1 hour at 100° . 2.2 gr

Card : 3/5

G-42

Country : RUMANIA

Category: Domestic Security, Internal Security, Political
Synthetic

Assessment: RUMANIA, N. 10/10, 10/10, 20

that is, the... (unclear) ...
and then ... (unclear) ...

Card : 5/5

G-3

MAGYAR, Gyorgy (Budapest)

Solanum alkaloids. VII. Decomposition of solasodine. III. Acylation experiments. Kem tud kozl MTA 15 no.1:51-55 '61. (SEAI 10:6)

1. Gyogyszeripari Kutato Intezet, Budapest.
(Solanum) (Alkaloids) (Acylation) (Solasodine)

MAGYAR, Gyula

Transistor ultrashort wave-FM adapter for GIRC and CCIR bands.
Radiotechnika 14 no. 3:100-103 Mar '64.

MAGYAR, Gyula

Amateur grid-dip oscillators. Radiotekhnika 14 no.11:
414-415 N '64.

MAGYAR, I.

MAGYAR, I. Historical survey and principal problems in calculation of say overhead lines. p. 131.

Vol. 49, no. 5, May 1956
ELEKTROTECHNIKA
TECHNOLOGY
Budapest, Hungary

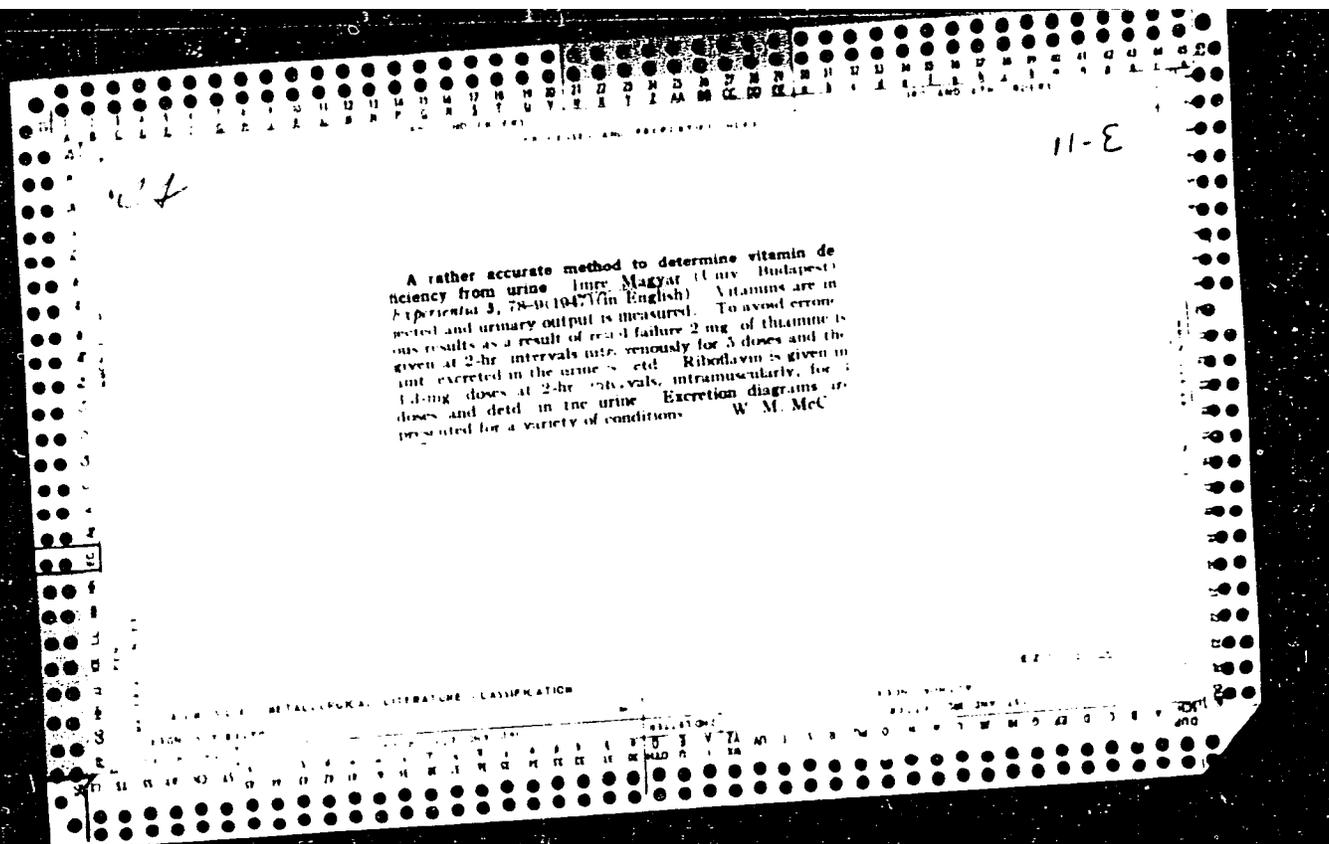
SO: East European Accession Vol. 6, no. 3, March 1957

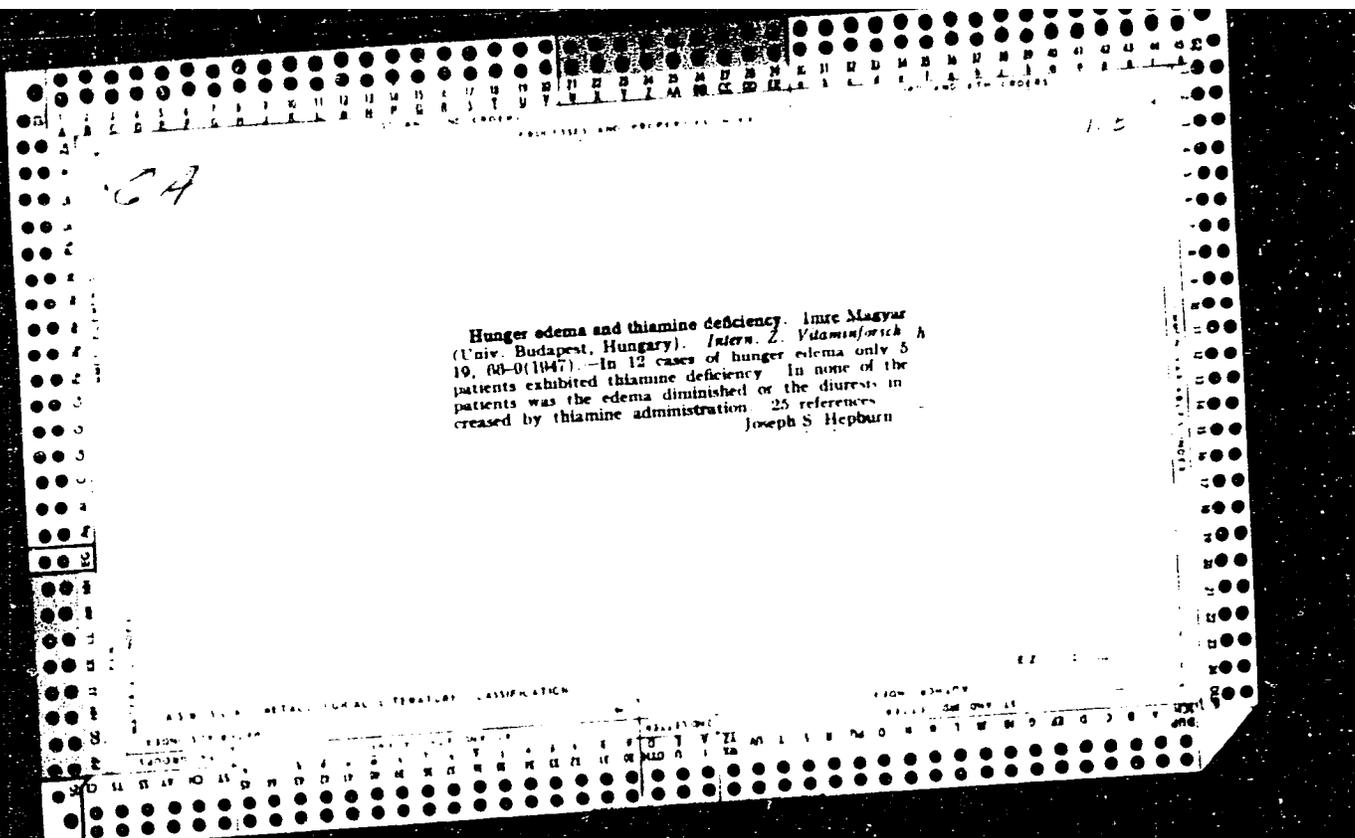
MAGYAR, Imre, dr., egyetem docens

On the method of lectures in disseminating knowledge. Term tud kozl
5 no.3:140-142 Mr '61.

MAGYAR, Imre (K'akurha'as)

Shortcomings in winter preparation? Magy vasut 6 no.24:4 15 D '62.





100 AND 101 CODES

PROCESSES AND PROPERTIES INDEX

BA

11E

Excretion of riboflavin in rats and phosphorylation. *Magyar (Tudományegyetem) I. számú Belgyógyászati Klinika, Budapest, Hung. Hung. Acta Med. 1. 37-47(1948)(in English). Cf. C.A. 42, 4256c.*—In rats receiving subcutaneously daily doses of 200–400 γ riboflavin, the urinary excretion of riboflavin varied irregularly. In rats poisoned with 0.015 mg. moniodoacetic acid per g. body wt., the excretion of riboflavin gradually diminished. The excretion of riboflavin was not appreciably changed by the administration of 1 mg. phlorizin for 1 week, or by $\frac{1}{2}$ unit insulin. Daily subcutaneous injections of 5 mg. Na adenosine triphosphate increased the excretion of riboflavin. This indicates that excretion depends on phosphorylation. The enormously high, superfluous doses of riboflavin exhaust the phosphorylating app. of the organism by using up either the phosphorylase or the amount of phosphorus available. Administration of dextrose soln or thiamine along with the riboflavin decreased excretion of riboflavin. It is supposed that riboflavin is eliminated in the urine simultaneously with the phosphorylation. Decrease of riboflavin excretion after a long period of administration is due to exhaustion of phosphorylation. Dextrose and thiamine also are phosphorylated; thus less riboflavin becomes phosphorylated and therefore less is excreted. 14 references. István Finály

ASB SCA METALLOGICAL LITERATURE CLASSIFICATION

100 AND 101 CODES

MAGYAR I. and RESOFSZKY P. A Budapesti Pázmány F. tudományegyetem I. Sz Belklinikájának közleménye. Thiamin (B₁ vitamin) hatása a szövetek szénhidrát felhasználására The influence of thiamine (vitamin B₁) on the utilization of carbohydrates in the tissues Magyar Belorvosi Archivum 1948, 1/2 (92-96) Graphs 1 Tables 1

The difference between the sugar contents of arterial (capillary) and venous blood after administration of dextrose and of insulin, respectively, was determined. The difference, which indicates the extent of the utilization of sugar by the tissues, was examined in 21 experiments (10 diabetics and 20 normal) under the influence of thiamine. In the majority of cases there was no change to be registered, i.e. the thiamine had no considerable influence on the utilization of sugar by the tissues. Some exceptional cases belonged to the group of hypophyseal disorders (four cases). Thiamine might facilitate the penetration of insulin into the cells of the liver. The balance of the central and peripheral effects depends on the activity of the hypophysis.

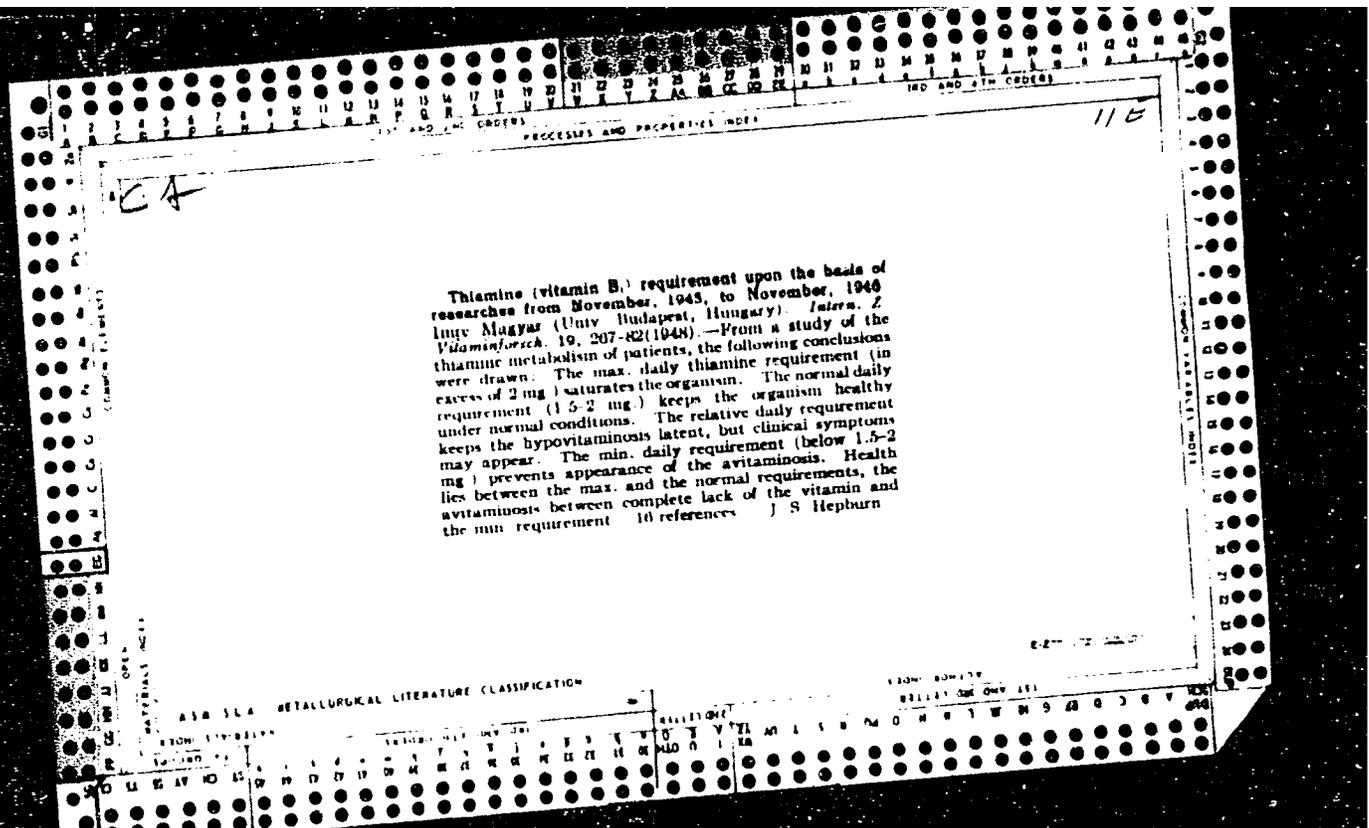
Author

SO: Physiology, Biochemistry & Pharmacology 2.¹ Jan.-June 1949

11 F

C.A.

Adrenal cortex and phosphorylation of thiamine and riboflavin. Imre Magyar and György Gábor (Tudományegyetemi I. Sz. Belflinika, Budapest). *Magyar Belorvos Arch.* 1, 225-32(1948).—Rats received daily doses of 400 γ thiamine or riboflavin and the amts. excreted in the urine were detd. The same procedure was repeated after removal of the adrenal glands, after administration of 0.2 mg cortex hormone, or after both removal of glands and administration of hormone. Neither the amt. of excreted vitamins nor the phosphorylation of thiamine or riboflavin was influenced. Two persons with Addison's disease showed normal excretions of vitamins after load tests with thiamine and riboflavin. 27 references István Finály



1948, I. 1948

(1948, Slide, U. of Wisconsin)

"Altreval Cortex and Phosphorylation."

Met. Sur Vit. Chem. and some of the...
Arch. Exp. Med. 111, Vol. 111, No. 10, p. 131

11A

C. A.

The influence of monosaccharides on glucose absorption
Imre Magyar (Univ. Budapest, Hung.) *Kivertelet*
Orvostudományi 90 (1949) 1949. The absorption of 200 mg
glucose in 2 ml water, injected into a ligated part of the
small intestine of rats weighing 150-200 g, can be greatly
hindered by administering 10 ml 5% glucose or galactose
soln. either subcutaneously or injected into another part of
the small intestine. A similar administering of fructose or
rhamnose had very slight hindering effect, arabinose and
xylose were effectless. The hindering action is due to ex-
haustion of phosphorylation. Istvan Emaly

MAGYAR, I.

Therapy of diabetes. Orv. hetil. Budap. 92 no. 43:1396-1399
28 Oct. 1951. (CML 21:3)

1. Doctor. 2. Presented 28 April 1951 before the Second Sandor
Koranyi Congress, Pecs.

MAGYAR, I.; SZATMARI, E.; TOTH, Istvanne.

New method of liver function test. Orv. hetil. 93 no. 11:332-333
16 Mar 1952. (CIWL 23:3)

1. Doctor for Magyar and Szatmari; Doctor, Laboratory Assistant for
Toth. 2. First Internal Clinic (Director -- Dr. Istvan Husznyak),
Budapest Medical University.

~~MAGYAR, I.~~

Acute hepatitis. Orv. hetil. 94 no.13:337-343 29 Mar 1953. (CLML 24:4)

1. Doctor.

MAGYAR, I.; VAGO, E.; DUBSKY, M.

4-5 Years follow-up of diseases condition after acute hepatitis. Urv.
hetil. 94 no.18:488-490 3 May 1953. (CMLL 24:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznayak), Budapest University.

MAGYAR, I.; STEKKER, K.; VAGO, E.

Unusual course of hepatitis with intrahepatic obstruction. *Orv. hetil.*
94 no.46:1261-1267 15 Nov 1953. (CML 25:5)

1. Doctors. 2. First Internal Clinic (Director --- Prof. Dr. Istvan
Rusznayak), Budapest Medical University.

MAGYAR. I.

1. Med. Klin., med. Univ., Budapest. * Kohlehydratstoffwechsel und Kalium, Carbohydrate metabolism and potassium ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (28)

SO: Excerpta Medica Section II Vol 7 N. 12

MAGYAR, I.; STANKO, K.; SZATMARI, E.

Pathogenesis and treatment of acquired endogenous methemoglobinemia.
Acta med. hung. 5 no.3-4:308-314 1954.

1. From the 1st Department of Medicine, University Medical School,
Budapest (Received July 9, 1953)

(METHEMOGLOBINEMIA, etiology & pathogenesis
intestinal infect. by nitrifying microorganisms)

(INTESTINES, bacteriology
nitrifying microorganisms as cause of methemoglobinemia)

(BACTERIA
nitrifying, intestinal infect. as cause of methemoglobinemia)

MAGYAR, I.; RONA, Gy.; VAGO, E.

Hyperglycemia and arteriosclerosis. Acta med. hung. Suppl. 6 no.1:
64-66 1954.

1. I Klinik für innere Medizin der Medizinischen Universität,
Budapest.

(HYPERGLYCEMIA, exper.
in etiol. of arteriosclerosis in rabbits)

(ARTERIOSCLEROSIS, exper.
prod. by hyperglycemia in rabbits)

MAGYAR, Imre, dr.

Hepatitis and cirrhosis. Orv. hetil. 95 no.50:1361-1365 12 Dec 54.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Rusznay István dr. egyet. tanár) közleménye.
(LIVER CIRRHOSIS, compl.
hepatitis)
(HEPATITIS, compl.
liver cirrhosis)

MAGYAR, Imre,; VAGO, Erzsebet,; MATE, Zoltan.

Carbohydrate and kalium metabolism. 3. Effect of glycogen contents of the liver and the muscles on the kalium metabolism. Kiserletes orvostud. 7 no.1:66-72 Jan 55.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája
(POTASSIUM, metabolism, eff. of glycogen contents in liver & musc.)
(GLYCOGEN
liver & musc., eff. on potassium metab.)
(LIVER, metabolism
potassium, eff. of glycogen contents)
(MUSCLES,
glycogen in, eff. on potassium metab.)

MAGYAR, Imre.; VAGO, Krzsebet,; MATE,Zoltan.

Carbohydrate and kalium metabolism. 4. Levulose and kalium.
Kiserletes orvostud. 7 no.1:72-77 Jan 55.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinika,ja.
(FRUCTOSE, effects
on liver metab., relation to potassium)
(POTASSIUM, effects
on liver metab., relation to fructose)

MAGYAR, I.; ROMA, Gy.; VAGO, E.

Experimental studies on the pathogenesis of diabetic angiopathy.
Acta med. hung. 8 no.1:37-59 1955.

1. 1-st department of medicine and 1-st Institute of Pathological
Anatomy University Medical School, Budapest.

(DIABETES MELLITUS, experimental,
causing arteriosclerosis)

(ARTERIOSCLEROSIS, experimental,
caused by diabetes mellitus)

MAGYAR, Imre, dr.; VAGO, Erzsébet, dr.; MATE, Zoltan, dr.; GRASZ,
Erzsébet.; SZUSZKAR, T. Judith, technikai segitsegevel.

Effect of euphyllin on hepatic circulation rate. Orv. hetil. 96
no.11:287-290 13 Mar 55

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
igazgató: Busznyak István dr. egyetemi tanár) közleménye.

(AMINOPHYLLINE, effects,
on liver circ. rate)

(LIVER, blood supplh,
eff. of aminophylline on circ. rate)

MAGYAR, Imre, dr.,; TOTH, Istvan, dr.

Results of experiments with mesobiliviolin reaction. Orv. hetil.
96 no.37:1016-1018 11 Sept 55.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igaz.: Rusznyak Istvan dr. egyetemi tanár) közl.
(LIVER FUNCTION TESTS,
mesobiliviolin reaction)

MAGYAR, Imre, ar.

Splenomegalic cirrhosis. Orv. hetil. 96 no.42:1149-1155 16 Oct.
55.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Russnyak István dr. egyet. tanár) közleménye.

(ANEMIA, SPLENIC

Banti's dis. with splenomegalic cirrhosis.)

MAGYAR, I., Dr.

Some actual problems of diabetes therapy. Ther. hung. no.4:10-14
1956.

1. First Dept. of Medicine (Director: Prof. I. Ruznyak), University
of Budapest.

(DIABETES MELLITUS, ther.)

Journal of Pharmacy and Pharmacology, 1975, 27, 227

Abstract: Ref. 444-141, 1975, p. 227.

Author: Varga, E.; Magyar, J.

Title: Hungarian. Relationship between

Relationship between Carbohydrate and Protein Metabolism in the Liver of Eggs in Carbon Tetrachloride Poisoning

Ref. Pub: Acta Physiol. Hung. 31, 1975, 3, Suppl. 37-38

Abstract: It was demonstrated previously that a change in serum K values, following administration of sugars is very instructive as to the status of the glycolytic and glycogenolytic functions of the liver and muscles. Experiments were carried out on dogs poisoned with carbon tetrachloride (CCl₄), animals were

Card 1/3

HEG IV/Par acety and ... Ex 11

V

As ... Ref ... 1958, 1959

levulose which is ...
to the liver, ... the muscles ...
... ducts ... the intestines ...
... glycogen was ...
in the ... liver and the K level ...
in the blood of the ... veins ...
... veins. In the ... glycogen was ...
... under these ... and the ...
lower in the ... veins than in the ...
Following ... administration of dextrose ...
when it first reaches the muscles and then the liver ...
there is ... in the muscles ...
level decreases in the peripheral blood although to ...
a lesser extent than in normal animals under identical conditions (17) depresses glycogen ...

Card : 2/3

V-51

BEHAVIOR/Pharmacology and Toxicology

7

Its Jour: Ref Zhur-Bi-L, 1976, 1976, 1977.

in the muscles). After administration of levulose, the poisoned liver synthesizes glycogen better than following administration of dextrose. It is also retained in the moderately damaged liver, although hypohalera is compensated by passage of K from the muscles. No glycogen synthesis or K retention occurs in the liver or muscles in severe liver damage. Administration of galactose, as well as of glucose, causes hypohalera. The glycolytic function of the liver can be estimated when dextrose is administered orally (and not intravenously) by the serum K level; the lowering of the K level means that the liver synthesizes glycogen. Absence of changes in the K values signifies suppression of this synthesis. (G. Arnold, et al.)

Card 3/5

MAGYAR, Imre, dr.; MOLNAR, Imre, dr.

Hepatitis and primary biliary cirrhosis connected with intrahepatic obstruction. Magy. belorv. arch. 9 no.4:114-119 Aug 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Ruzsnyak, István, dr. egyetemi tanár) és II. sz. Kórhelytani Intézetének (igazgató: Haranghy, László, dr. egyetemi tanár) közleménye.

(JAUNDICE, OBSTRUCTIVE, compl.

biliary cirrhosis, primary, pathol. (Hun))

(LIVER CIRRHOSIS, etiol. & pathogen.

intrahepatic obstruction causing primary biliary cirrhosis, pathol. (Hun))

MAGYAR, Imre, dr.; VAGO, Erzsébet, dr.; JELLINEK, Harry, dr.

Carbohydrate metabolism and potassium. V. Carbohydrate metabolism and potassium in liver disease. *Magy. belorv. arch.* 9 no.4:119-123 Aug 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Ruzsnyak, István, dr.; egyetemi tanár) közleménye.

(LIVER, metab.

potassium, eff. of sugars in exper. lesions induced by carbontetrachloride in dogs (Hun))

(CARBOHYDRATES, eff.

sugars, on liver potassium content in exper. liver lesions induced by carbontetrachloride in dogs (Hun))

(POTASSIUM, metab.

liver, eff. of sugars in exper. liver lesions induced by carbontetrachloride in dogs (Hun))

MAGYAR, Imre, dr.

~~.....~~

Diabetes and arteriosclerosis. Orv. hetil. 97 no.30:813-818
22 July 56.

(DIABETES MELLITUS, compl.
arteriosclerosis. (Hun))

(ARTERIOSCLEROSIS
diabetic arteriosclerosis. (Hun))

MAGYAR, Imre, dr.

Problems of diabetes mellitus therapy. Orv. hetil. 98 no.39:
1065-1069 23 Sept 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Rusznyak, István, dr. egyetemi tanár) közleménye.
(DIABETES MELLITUS, ther.
(Hun))

MAGYAR, Imre

Insulin inhibiting factor in the blood of diabetics. Magy. belorv. arch.
10 no.5-6:180-185 Oct-Dec 197.

1. A Budapesti Orvostudományi Egyetem I sz. Belklinikájának (igazgató:
Kusznák István) közleménye.

(DIABETES MELLITUS, blood in
insulin inhibitor demonstration by insulin standardization
test (Hun))

(INSULIN, antag.
in blood in diabetes mellitus, demonstration by insulin
standardization test (Hun))

MAGYAR, Imre, Dr.; MEGYESI, Klara, Dr.; PÁLYI, Anna, Dr.

Administration of oral antidiabetics in liver diseases. Orv. hetil.
48 no.35:958-960 1 Sept 57.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Rusznayk Istvan dr. egyet. tanár) közleménye.

(DIABETES MELLITUS, compl.

liver dis., indic. & contraindic. of carbutamide ther. (Hun))

(LIVER DISEASES, compl.

diabetes mellitus. indic. & contraindic. of carbutamide
ther. (Hun))

(ANTIDIABETICS, ther. use

carbutamide in diabetes mellitus with liver dis., indic.
& contraindic. (Hun))

MAGYAR, Imre; MARTON, Istvan

Insulin resistance. Magy. belorv. arch. 11 no.2-3:37-42 Apr-June 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (Igazgató: Rusznyak Istvan dr. egyetemi tanár) közleménye.

(DIABETES MELLITUS, case reports

periodic insulin resist. in diabetes mellitus with
splenomegaly & liver cirrhosis (Hun))

(SPLENOMEGALY, case reports

same)

(LIVER CIRRHOSIS, case reports

same)

(PERIODICITY

same)

MAGYAR, Imre, Dr.; MATHE, Zoltan, Dr.

Increase of the alkaline phosphatase content of the serum without
jaundice. Orv. hetil. 99 no.10:346-348 9 Mar 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató:
Rusznayk Istvan dr. egyet. tanár) közleménye.

(PHOSPHATASES, in blood

non-icteric increase of alkaline phosphatase content (Hun))

MAGYAR, Imre, Dr.; MARTON, Istvan, Dr.; MATHE, Zoltan, Dr.; REFI, Zoltan, Dr.;
KERTAI, Pal, Dr.

Mechanism of action of oral antidiabetics. Orv. hetil. 99 no.26:885-
889 29 June 58.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (ir. az. at. t. t.:
Rusznay Istvan dr. egyet. tanár) közleménye.

(ANTIDIABETICS

carbutamide & tolbutamide, mechanism of action (Hun))

EXPERIMENTA MEDICA Sec 6 Vol 13/2 Internal Med. Sup 59

4707. INSULIN-INHIBITING FACTOR IN THE BLOOD OF DIABETIC PATIENTS -
(Über einen die Insulinwirkung vermindernenden Faktor im Blut von Diabeti-
kern - Magyar I. I. Med. Klin., Univ. Budapest - ACTA MED. SCAND.
1958, 160/5 (363-372) Tables 10

A review of insulin-inhibiting factors is given. With the classic biological method of insulin standardization (by incubation blood and i. v. application to rabbits), samples of blood of insulin-resistant and insulin-sensitive patients were tested. In 2 cases of the first group a definite insulin-inhibiting factor was found in patients of the sclerotic, asthenic, aged type. Neither in young, asthenic cases, inclining to ketosis, nor in normal blood could this inhibiting effect be found.

Kellen - Novy Smokovec

MAGYAR, Imre, Dr.

Diseases of the intestines. Orv. hetil. 100 no.13:459-465 29 Mar
59.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Ruzsnyak István dr. egyetemi tansz.) közleménye.

(INTESTINES, dis.
review (Hun))

MAGYAR, Imre, dr.

Intrahepatic obstruction. Orv.hetil. 100 no.42:1497-1502
0 '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának
(igazgató: Busznyak István dr. egyetemi tanár) közleménye.
(HEPATIC DUCT dis)

MAGYAR, Imre, dr.

The problem of ulcer. Magy belorv. arch. 13 no.6:186-191 '60.

(PEPTIC ULCER)

MAGYAR, Imre, dr.; MARTON, Istvan, dr.

Repeated bromsulfalein test. Orv. hetil. 102 no.44:2073-2074 29 9 '61.

1. Orvostovabbkepzo Intezet I Belosztalya, Budapest.

(LIVER FUNCTION TESTS)

MAGYAR, Imre, dr.

Psychotherapy in internal medicine. Orv. hetil. 102 no.53:2504-2510
D '61.

1. Orvostovábbképző Intézet, I. Belosztály, Budapest.

(PSYCHOTHERAPY)

MAGYAR, Imre, dr.

On surgical problems in portal hypertension. *Magy. sebész. 15 no. 2:*
82-84. My '62.

(HYPERTENSION PORTAL surg)

MAGYAR, Imre, dr.; MARTON, Istvan, dr.

Cortisone-glucose tolerance curves in older subjects. Orv. hetil. 193
no.24:1123-1124 17 Je '62.

1. Budapesti Orvostovabbkepzo Intezet, I Belosztaly.

(PREDNISOLONE pharmacol)
(BLOOD SUGAR pharmacol)
(DIABETES MELLITUS diag)

[HUNGARY

MARHAZ, Lina, Ph.D., Institute for Internal Medicine Training, 1000
Department of Internal Medicine, 1071 Gyótvárosi utca, 1071 Budapest, Hungary
1071 Gyótvárosi utca, 1071 Budapest, Hungary.

"The Pathogenesis of Diabetes."

Budapest, Orvosi Hetilap, Vol. 117, No. 47, Dec. 21, 1974, pages 2371-2374.

Abstract: The author discusses diabetes as a disorder connected with an upset in the endocrine balance of the body. Diabetogenic factors in the genesis of diabetes are mentioned. The presence of insulin antagonists is stressed. The significance of the free and bound insulin is discussed. The primary and secondary defects of insulin production, its increased destruction and cell defects inhibiting the utilization of insulin are summarized.
[no references]

MAGYAR, I.

MAD'YAR, Imre [Magyar, I.], prof.; SIZ, M. [Sziz, M., translator];
ERDI, K., otv. red.; CHERGE, I. [Csorgo, I.], tekhn. red.

EDiseases of the liver and the biliary tract] Zabolevania
pecheni i zhelchnykh putei. Budapest, Akademiai Kiado.
Vol.1. 1962. 458 p. Translated from the German.

(MIRA 16:5)

1. Institut usovershenstvovaniya vrachey, Budapesht (for
Mad'yar).

(LIVER--DISEASES) (BILIARY TRACT--DISEASES)

MAGYAR, I., dr.

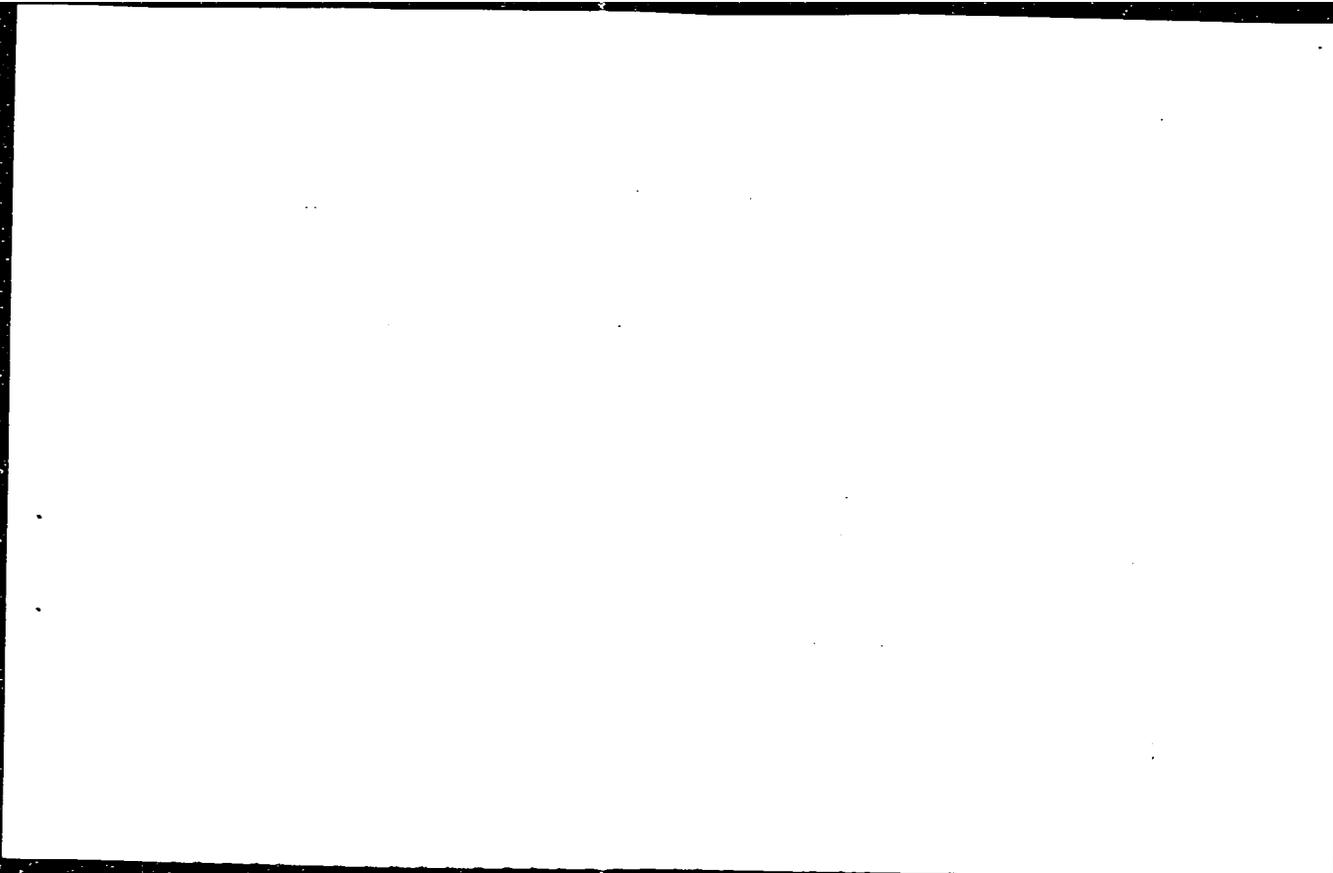
The pathogenesis of diabetes. Ther. Hung. 12 no.2:5-8 '63.

1. Postgraduate Medical School (Director: Prof. I. Magyar),
Budapest.

(DIABETES MELLITUS) (INSULIN)

"APPROVED FOR RELEASE: 06/20/2000

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MAGYAR, Imre, dr.; RICHTER, Robert, dr.; VECSEI, Anna, dr.; BAN, Ibolya, dr.

The effect of aqueous liver extract and liver hydrolysate in acute carbon tetrachloride poisoning of rats. Magy. belorv. arch. 16 no.1: 37-42 Mr '63.

1. Orvostovábbképző Intézet i. Belosztálya, Kóronctani Intézet és Központi Laboratóriuma, Budapest.

(LIVER EXTRACTS) (CARBON TETRACHLORIDE POISONING) (LIVER DISEASES)
(PATHOLOGY) (URINE) (SULFOBROMOPHTHALEIN)
(LIVER FUNCTION TESTS) (PROTEIN HYDROLYSATES)